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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 29, 2003

Elaine Willig

Attorney Docket No. 124251

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Confirmation No. 1739
William Randolph STOWELL et al. : Group Art Unit 2879
Serial No. 10/604,740 :
Filed: August 13, 2003 :
For: APPARATUS AND METHOD FOR REDUCING METAL OXIDES ON SUPERALLOY ARTICLES

INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 CFR 1.56, 1.97 and 1.98
(Within 3 Months Of Filing Or Prior To First Office Action)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

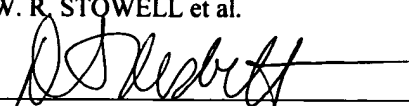
In accordance with 37 CFR 1.56, 1.97 and 1.98, Applicant request the Examiner to make of record the documents listed on the attached PTO/SB/08 form. Copies of the listed non-U.S. documents are also enclosed. In accordance with MPEP 609, the Examiner is requested to initial each document listed on the attached PTO/SB/08 form in the space provided, make a copy of the initialed form, and return the copy to Applicants' attorney.

This paper and the enclosed documents are being submitted in accordance with 37 CFR 1.97(b), i.e., within three (3) months of the application filing date or prior to a first Office Action on the merits. Therefore, no fee is believed to be due.

Respectfully submitted,

For: W. R. STOWELL et al.

By


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December 24, 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/604,740
Filing Date 08/13/03
First Named Inventor W. R. STOWELL et al.
Art Unit 2879
Examiner Name
Attorney Docket Number 124251

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US- 4,087,721		05/02/1978	Mourier	
		US- 4,098,450		07/04/1978	Keller et al.	
		US- 4,689,468		08/25/1987	Muehlberger	
		US- 4,851,636		07/25/1989	Sugimoto et al.	
		US- 4,877,937		10/31/1989	Müller	
		US- 4,975,147		12/04/1990	Tahara et al.	
		US- 5,356,478		10/18/1994	Chen et al.	
		US- 6,118,218		09/12/2000	Yializis et al.	
		US- 6,137,078		10/24/2000	Keller	
		US- 6,524,538	B2	02/25/2003	Barankova et al.	
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	T ²
		BRECELJ, F. et al., "Reduction of metal oxide thin layers by hydrogen plasma", Vacuum, 1990, pgs. 177-178, Vol. 40, Numbers 1/2, Pergamon Press plc (1990).	
		STURGES, D.J., et al., "A Qualitative Theory of the Medium Pressure Hollow Cathode Effect", Physica 37, pgs. 457-466	
		"13.56 MHz Hollow Cathode Plasma Source HCD L-300 by PlasmaConsult", pgs. 1-6, Nano-Master, Inc., Austin, TX	
		RUSCH, Bill, LPPS-RTA Process, Sulzer Metco (The Coatings Company), plasma-process.ppt (3 pages)	
		FRANCIS, Gordon, The Glow Discharge at Low Pressure, Encyclopedia of Physics, 1956, pgs. 53, 91, 97, 100-101	

Examiner
Signature

Date
Considered